20612018 24:18:20 PM

FIG. 1

SYSTEM ARCHITECTURE

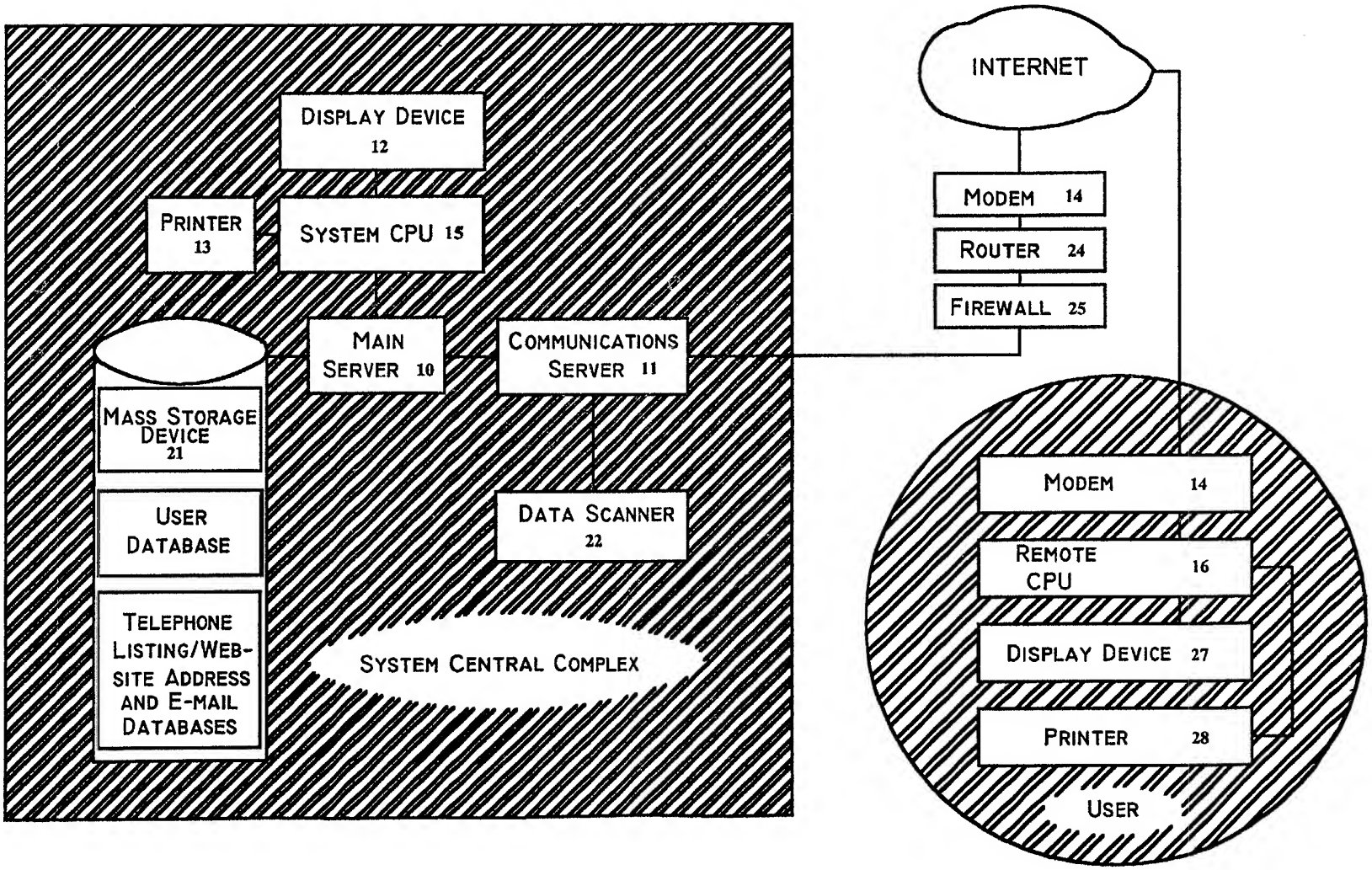


FIG. 2

INTERNET SHOPPING ASSISTANCE TECHNOLOGY

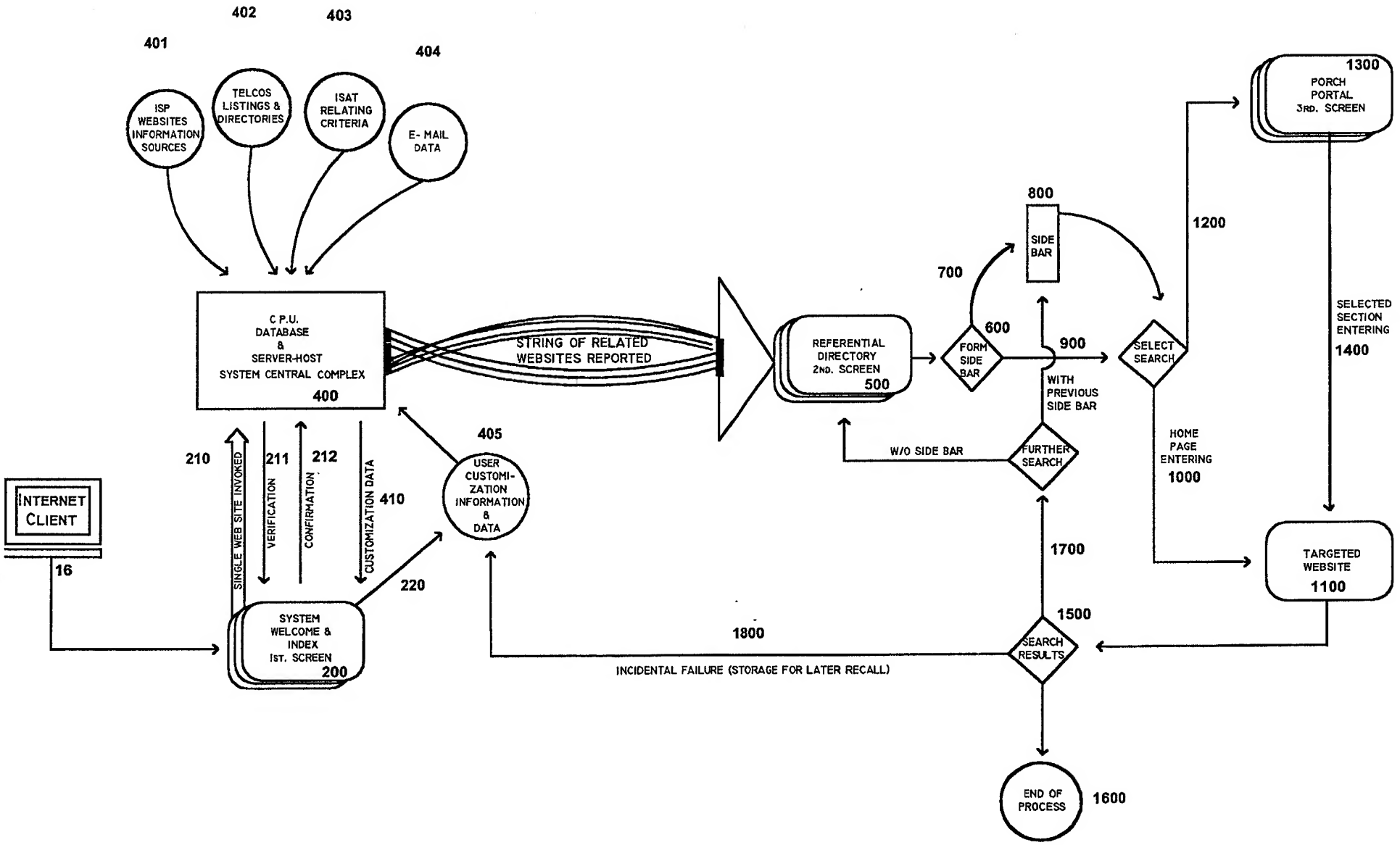
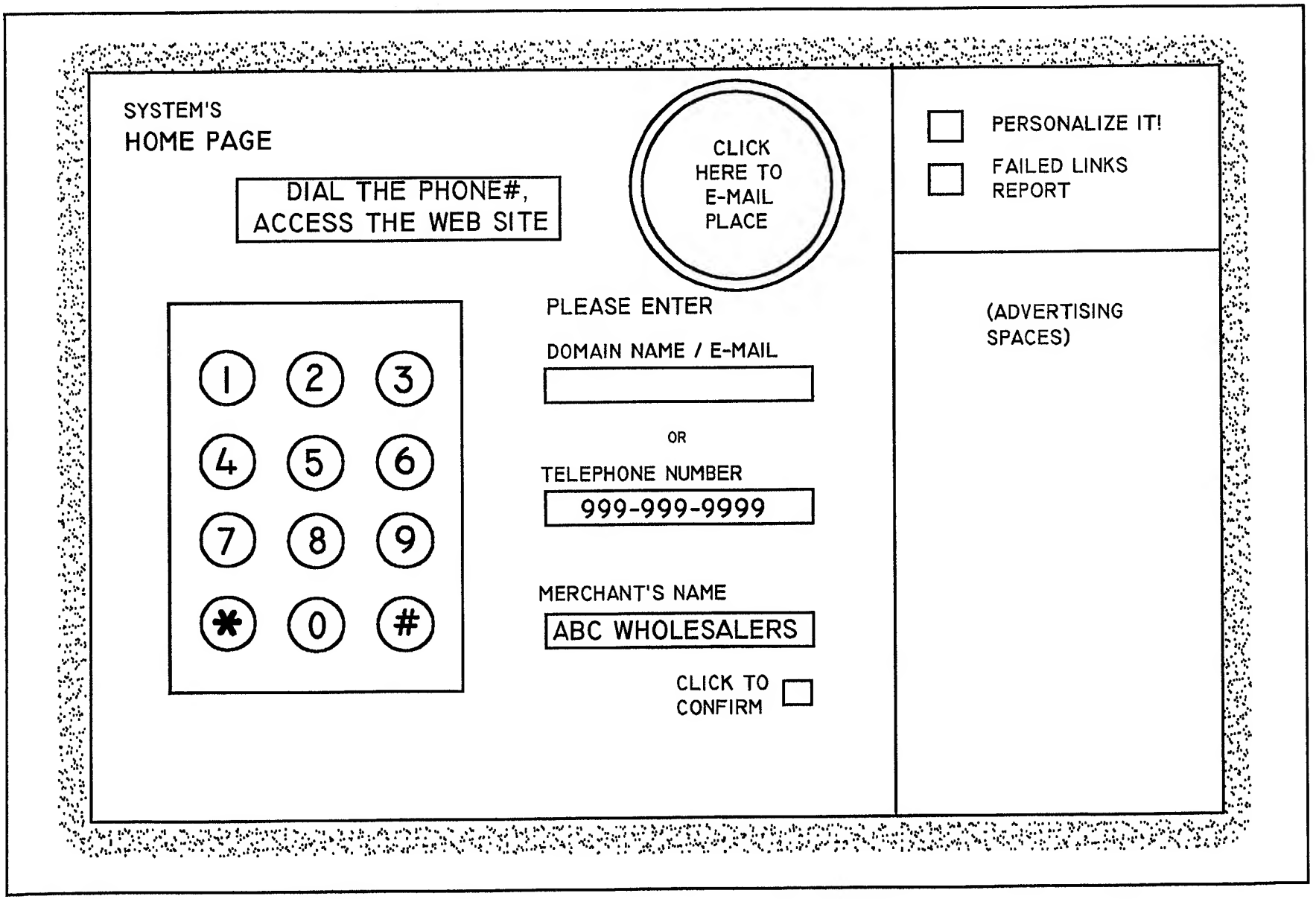
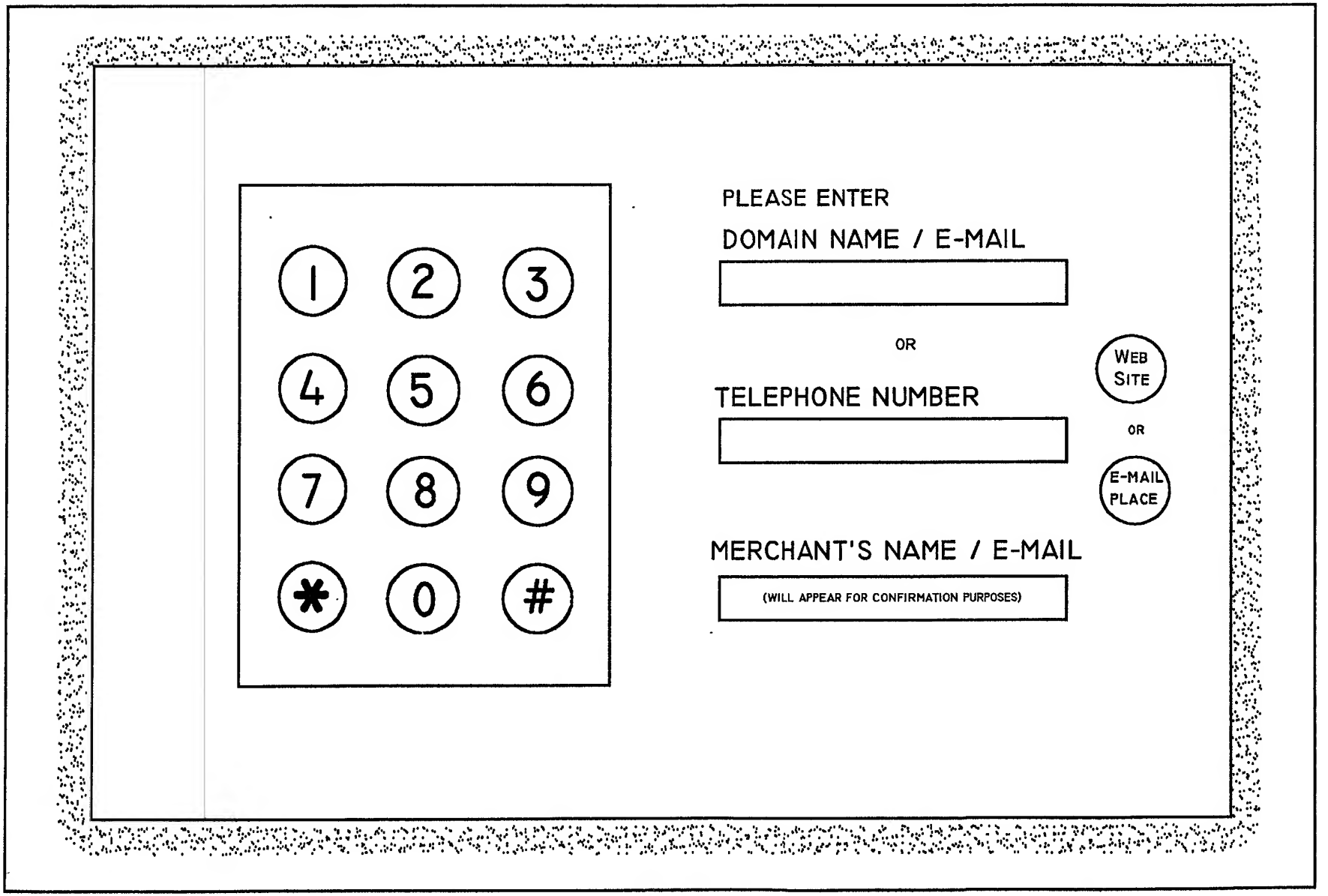


FIG. 3


SYSTEM'S
HOME PAGE
DIAL THE PHONE#, ACCESS THE WEB SITE
CLICK HERE TO E-MAIL PLACE
PERSONALIZE IT!
FAILED LINKS REPORT
(ADVERTISING SPACES)
1 2 3
4 5 6
7 8 9
* 0 #
PLEASE ENTER
DOMAIN NAME / E-MAIL
OR
TELEPHONE NUMBER
999-999-9999
MERCHANT'S NAME
ABC WHOLESALERS
CLICK TO CONFIRM

20670201 2470820

FIG. 4



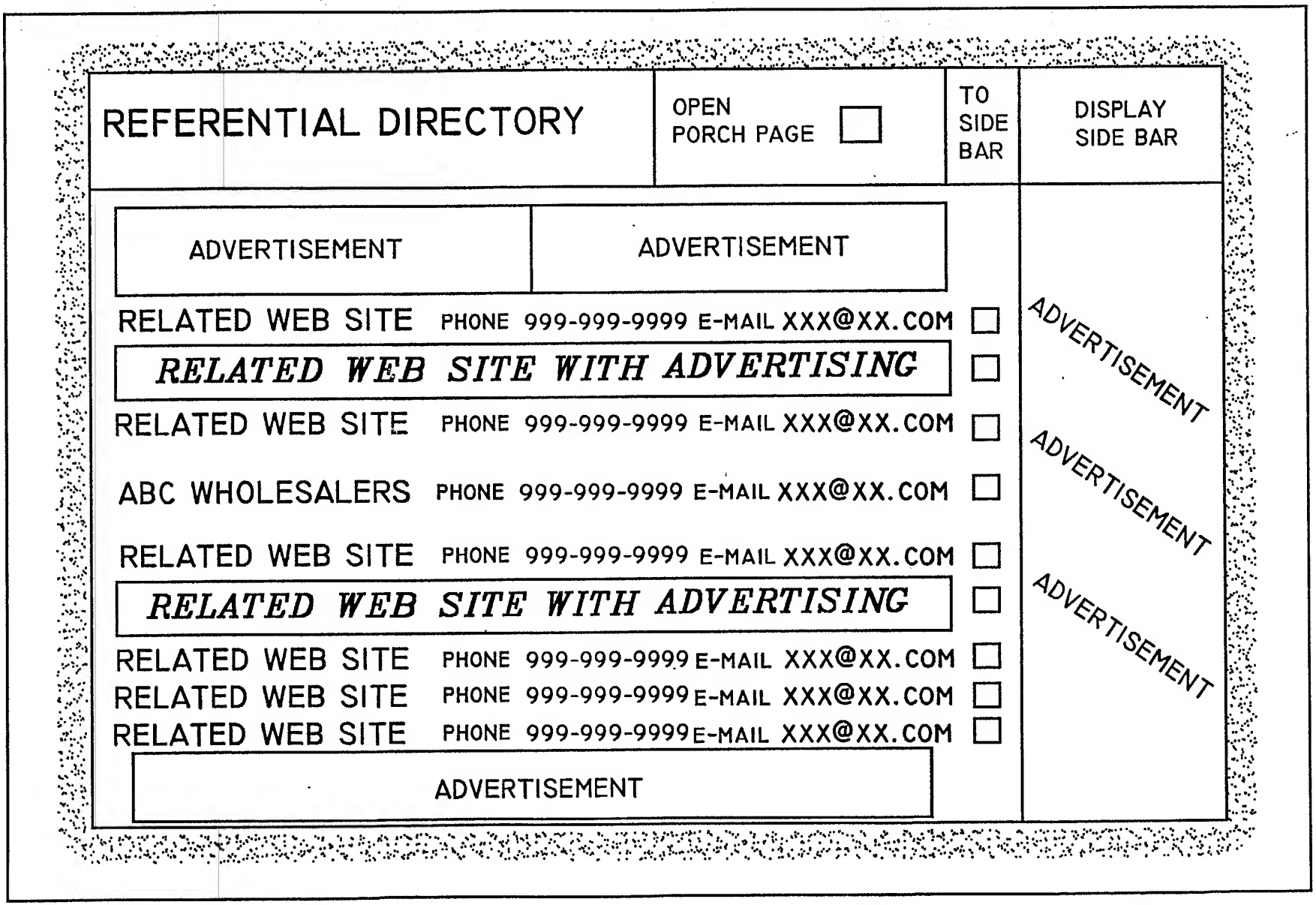
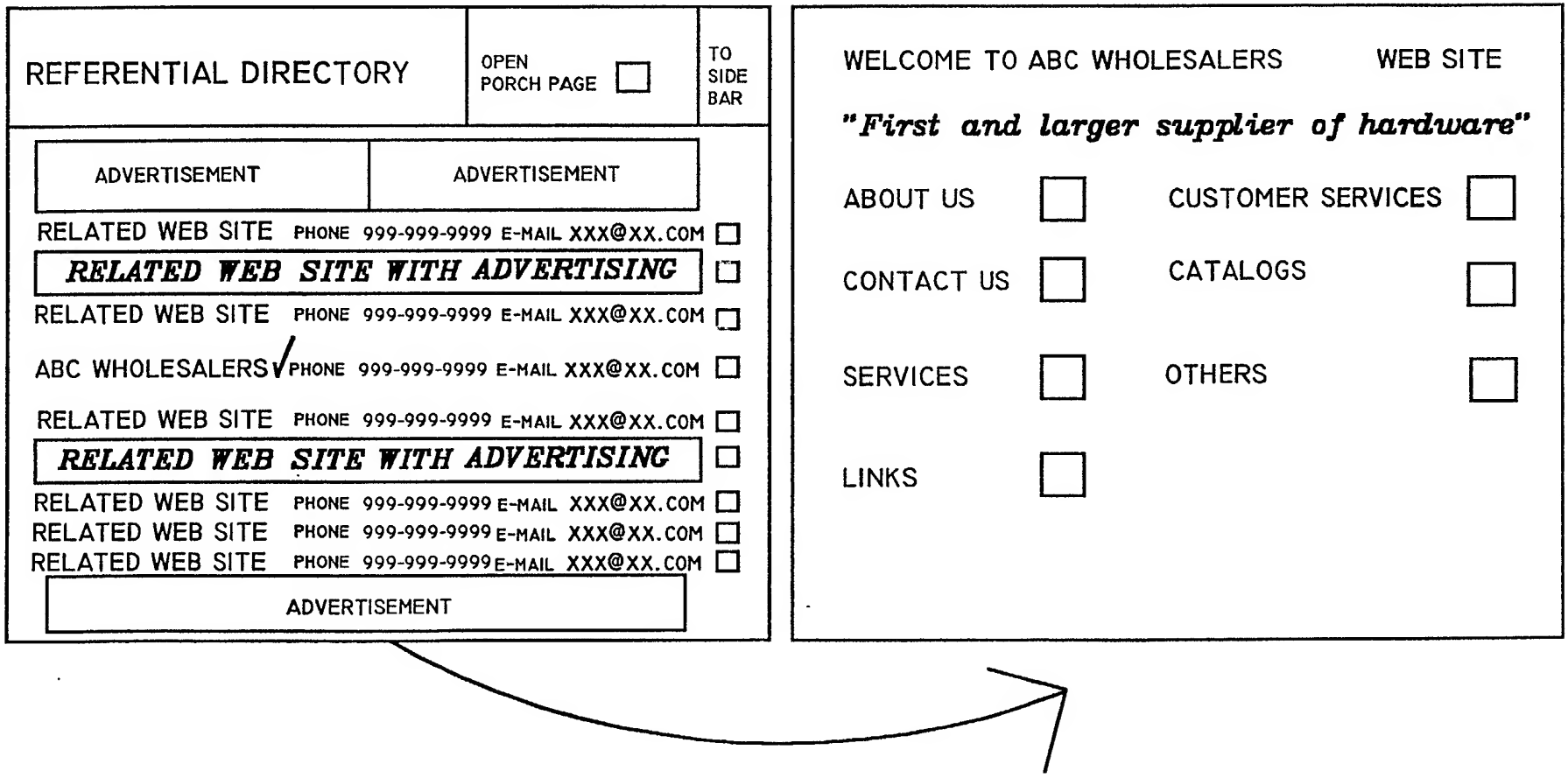

REFERENTIAL DIRECTORY
OPEN PORCH PAGE
TO SIDE BAR
DISPLAY SIDE BAR
ADVERTISEMENT
ADVERTISEMENT
RELATED WEB SITE PHONE 999-999-9999 E-MAIL XXX@XX.COM
RELATED WEB SITE WITH ADVERTISING
RELATED WEB SITE PHONE 999-999-9999 E-MAIL XXX@XX.COM
ABC WHOLESALERS PHONE 999-999-9999 E-MAIL XXX@XX.COM
RELATED WEB SITE PHONE 999-999-9999 E-MAIL XXX@XX.COM
RELATED WEB SITE WITH ADVERTISING
RELATED WEB SITE PHONE 999-999-9999 E-MAIL XXX@XX.COM
RELATED WEB SITE PHONE 999-999-9999 E-MAIL XXX@XX.COM
RELATED WEB SITE PHONE 999-999-9999 E-MAIL XXX@XX.COM
ADVERTISEMENT
ADVERTISEMENT
ADVERTISEMENT
ADVERTISEMENT

FIG.6


REFERENTIAL DIRECTORY
OPEN PORCH PAGE
TO SIDE BAR
ADVERTISEMENT
ADVERTISEMENT
RELATED WEB SITE PHONE 999-999-9999 E-MAIL XXX@XX.COM
RELATED WEB SITE WITH ADVERTISING
RELATED WEB SITE PHONE 999-999-9999 E-MAIL XXX@XX.COM
ABC WHOLESALERS PHONE 999-999-9999 E-MAIL XXX@XX.COM
RELATED WEB SITE PHONE 999-999-9999 E-MAIL XXX@XX.COM
RELATED WEB SITE WITH ADVERTISING
RELATED WEB SITE PHONE 999-999-9999 E-MAIL XXX@XX.COM
RELATED WEB SITE PHONE 999-999-9999 E-MAIL XXX@XX.COM
RELATED WEB SITE PHONE 999-999-9999 E-MAIL XXX@XX.COM
ADVERTISEMENT
WELCOME TO ABC WHOLESALERS WEB SITE
"First and larger supplier of hardware"
ABOUT US
CUSTOMER SERVICES
CONTACT US
CATALOGS
SERVICES
OTHERS
LINKS

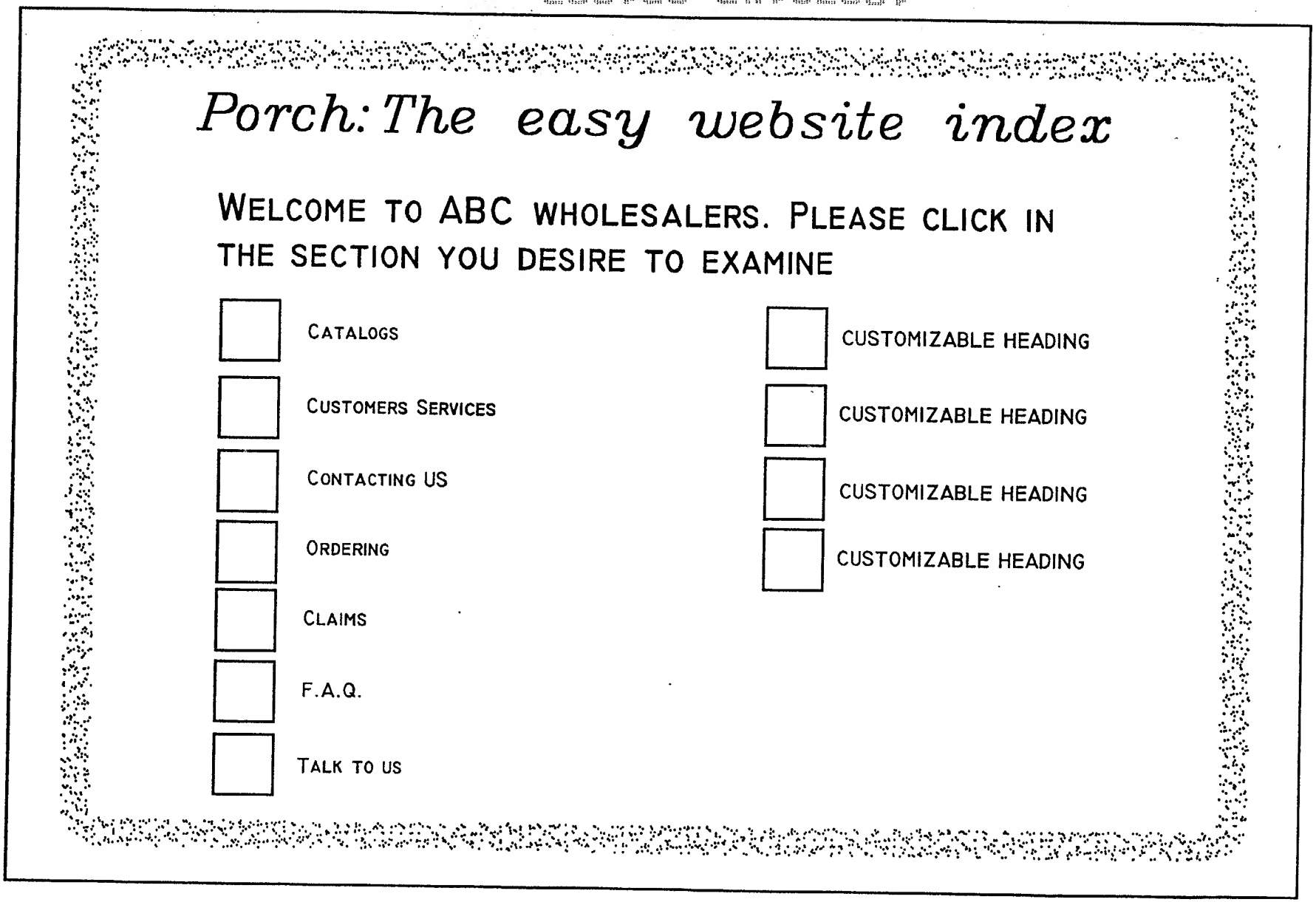

Porch: The easy website index
WELCOME TO ABC WHOLESALERS. PLEASE CLICK IN THE SECTION YOU DESIRE TO EXAMINE
CATALOGS
CUSTOMERS SERVICES
CONTACTING US
ORDERING
CLAIMS
F.A.Q.
TALK TO US
CUSTOMIZABLE HEADING
CUSTOMIZABLE HEADING
CUSTOMIZABLE HEADING
CUSTOMIZABLE HEADING

FIG.8

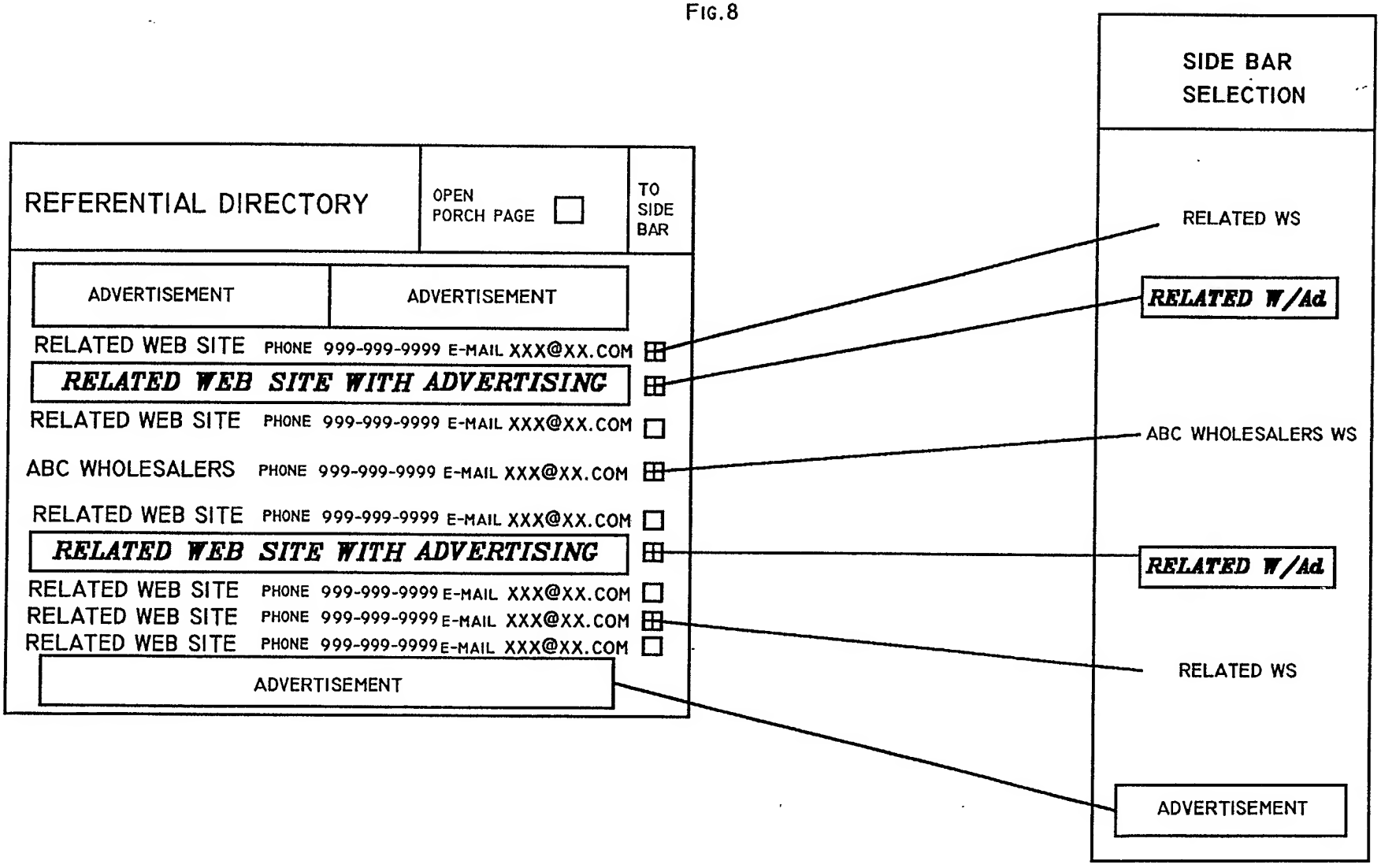

REFERENTIAL DIRECTORY
OPEN PORCH PAGE
TO SIDE BAR
ADVERTISEMENT
ADVERTISEMENT
RELATED WEB SITE PHONE 999-999-9999 E-MAIL XXX@XX.COM
RELATED WEB SITE WITH ADVERTISING
RELATED WEB SITE PHONE 999-999-9999 E-MAIL XXX@XX.COM
ABC WHOLESALERS PHONE 999-999-9999 E-MAIL XXX@XX.COM
RELATED WEB SITE PHONE 999-999-9999 E-MAIL XXX@XX.COM
RELATED WEB SITE WITH ADVERTISING
RELATED WEB SITE PHONE 999-999-9999 E-MAIL XXX@XX.COM
RELATED WEB SITE PHONE 999-999-9999 E-MAIL XXX@XX.COM
RELATED WEB SITE PHONE 999-999-9999 E-MAIL XXX@XX.COM
ADVERTISEMENT
SIDE BAR SELECTION
RELATED WS
RELATED W/Ad
ABC WHOLESALERS WS
RELATED W/Ad
RELATED WS
ADVERTISEMENT

FIG. 9A

WELCOME TO JOHN SMITH E-MAIL PLACE

TELEPHONE _____ E-MAIL BOXES

ADDRESS _____

ADVERTISEMENT

TECHNICAL CONSULTANT IN SYSTEM ENGINEERING SPECIALIZED IN COMPUTER TECHNOLOGY

PLEASE CONTACT ME BY PRESELECTING MATTERS

A. PROFFESIONAL ☐

B. PERSONAL ☐

C. COMERCIAL ☐

D. PRIVATE ☐

E. SPECIAL MESSAGES (ENTER PASS-WORD)

☐

I WILL BE OUT OF TOWN DURING THE MOUNTH OF AUGUST: I WILL BE CHECKING E-MAILS OF THE E AND B SECTIONS

ADVERTISEMENT

ADVERTISEMENT

ABC WHOLESALERS INC.

E-MAIL DIRECTORY

PLEASE INDICATE THE DEPARTMENT YOU WANT TO REACH

- SALES ☐
- NEW ARRIVALS ☐
- SPARE PARTS ☐
- HUMAN RESOURCES (EMPLOYMENT OPPORTUNITIES) ☐
- MANAGEMENT ☐
- LEGAL DEPT. ☐
- ACCOUNTING DEPT. ☐
- COLLECTION DEPT. ☐
- DISPLAY PERSONAL BOXES ☐

ADVERTISEMENT

FIG. 10

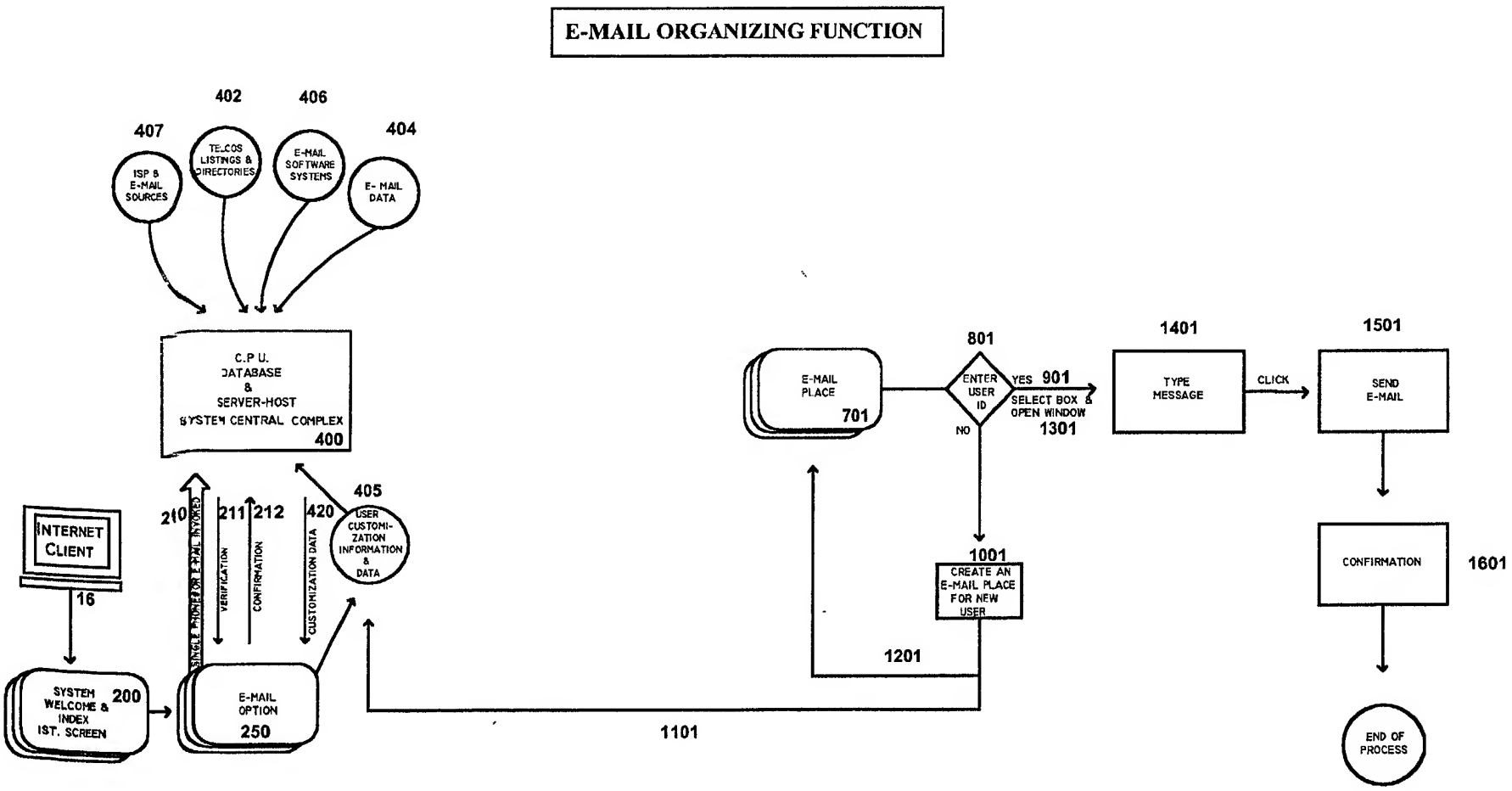
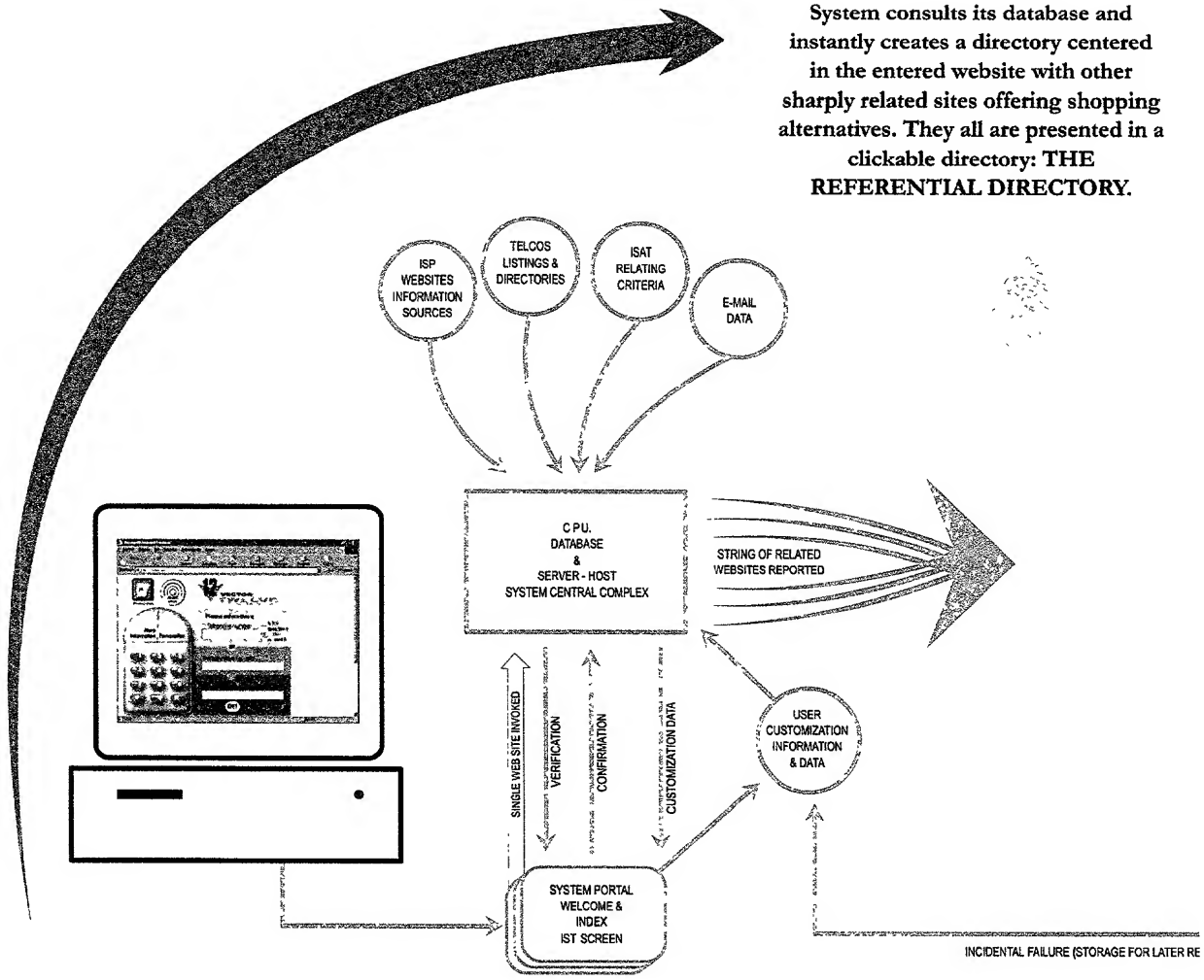

E-MAIL ORGANIZING FUNCTION
402
406
407
404
ISP & E-MAIL SOURCES
TELCOS LISTINGS & DIRECTORIES
E-MAIL SOFTWARE SYSTEMS
E- MAIL DATA
C.P.U. DATABASE & SERVER-HOST SYSTEM CENTRAL COMPLEX
400
INTERNET CLIENT
16
210
211
212
420
405
SINGLE PHONE FOR E-MAIL INVOKED
VERIFICATION
CONFIRMATION
CUSTOMIZATION DATA
USER CUSTOMI-ZATION INFORMATION & DATA
SYSTEM WELCOME & INDEX IST. SCREEN
200
E-MAIL OPTION
250
1101
E-MAIL PLACE
701
801
ENTER USER ID
YES
901
SELECT BOX & OPEN WINDOW
1301
NO
1001
CREATE AN E-MAIL PLACE FOR NEW USER
1201
1401
TYPE MESSAGE
CLICK
1501
SEND E-MAIL
CONFIRMATION
1601
END OF PROCESS

Fig. 11-A.
System's E-commerce function.



System consults its database and instantly creates a directory centered in the entered website with other sharply related sites offering shopping alternatives. They all are presented in a clickable directory: THE REFERENTIAL DIRECTORY.

User reaches system portal and can enter a website through a telephone number or a domain name.

If a desired link could not be made during a session the user can store it for a later review. Personalization functions are accessed and stored by the system.

User can also store commonly asked data, i.e., his name, address, credit card, etc. through the personalized functions.

Fig. 11-B.

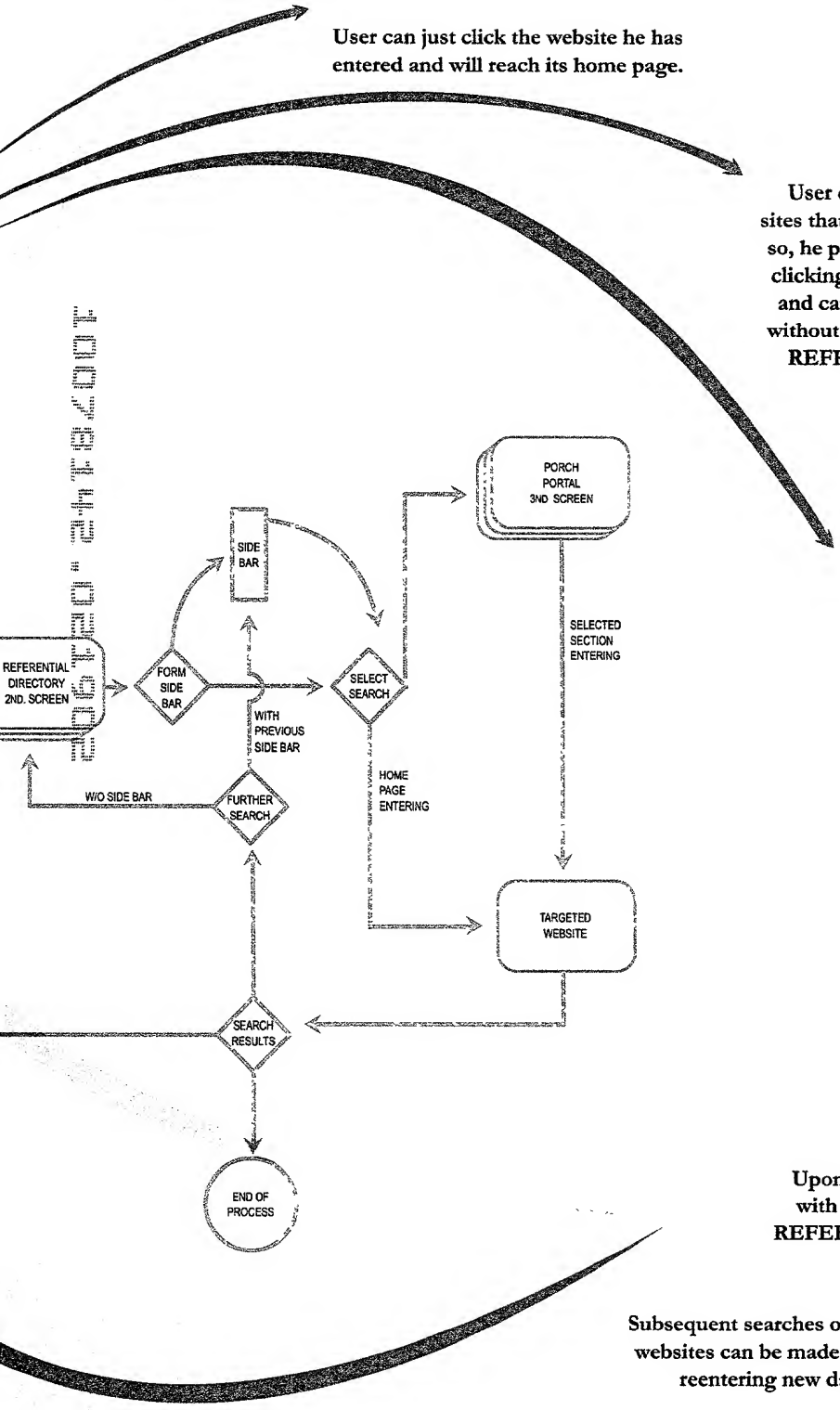

User can just click the website he has entered and will reach its home page.
User can plan for visiting several sites that he thinks are worth a look. If so, he pre-selects the desired sites by clicking on theirs SIDE BAR option and can review them consecutively without having to re-examine the full REFERENTIAL DIRECTORY.
If user prefers to enter a site directly through a determined section (to avoid having to find his way in a complex website) he can order a standardized simplified index of the site - "PORCH PAGE" - to appear and click upon the desired section.
Upon reviewing website if unsatisfied with his visit, user can go back to the REFERENTIAL DIRECTORY and click for new entries.
Subsequent searches on related websites can be made without reentering new data.
REFERENTIAL DIRECTORY 2ND. SCREEN
FORM SIDE BAR
SIDE BAR
SELECT SEARCH
PORCH PORTAL 3ND SCREEN
SELECTED SECTION ENTERING
WITH PREVIOUS SIDE BAR
HOME PAGE ENTERING
W/O SIDE BAR
FURTHER SEARCH
TARGETED WEBSITE
SEARCH RESULTS
END OF PROCESS

Fig. 12-A.
System's E-mail function.

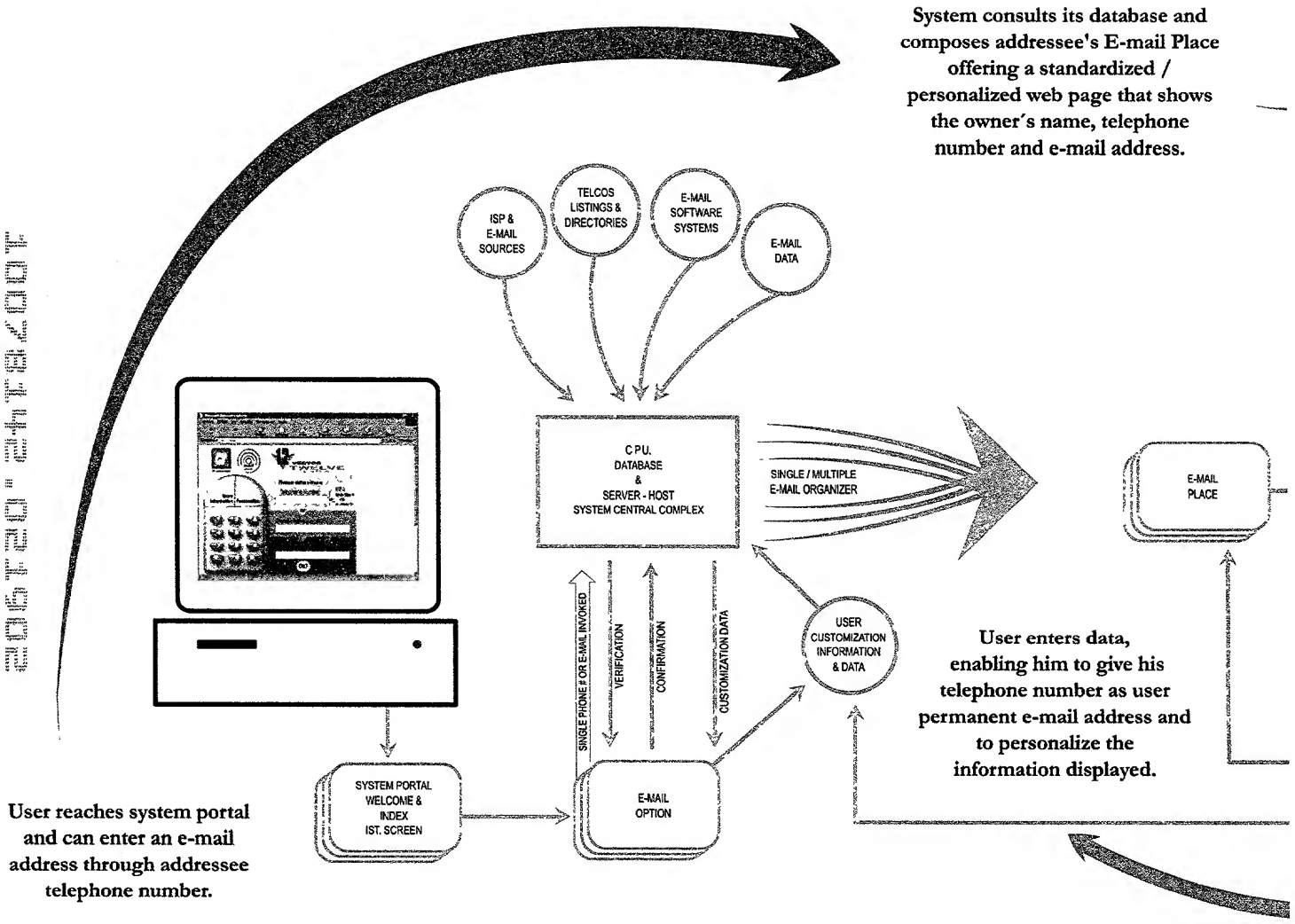


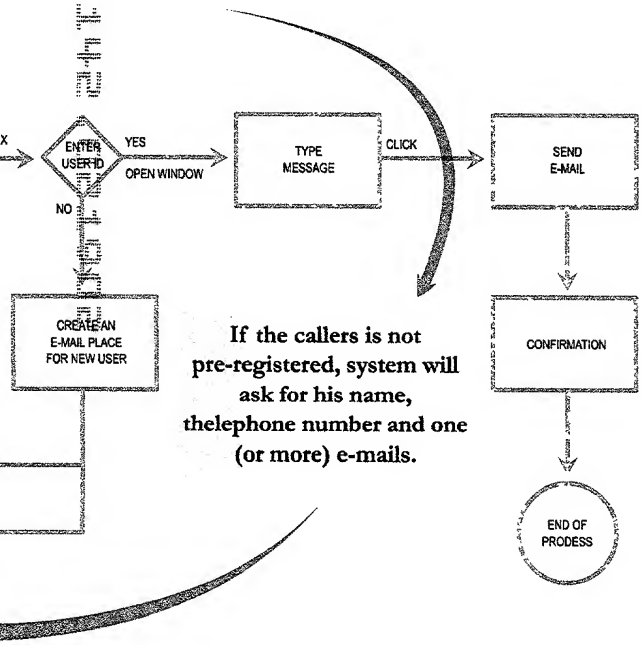
Fig. 12-B.

E-mail Place can also contain several e-mail boxes meant to classify incoming messages according to different subjects, including some that can be password protected.

tionally, E-mail Place owner can t standing information regarding is street address, business line, position, specialty and general messages or instructions for his callers.

The caller, upon registering (if not pre-registered) types his message and sends it to the addressee.

ny box is selected the system will ask for callers ID, consisting in caller's pre-registered telephone number to allow writing the intended messages.



If the callers is not pre-registered, system will ask for his name, thelephone number and one (or more) e-mails.

Incoming messages typed in any of the E-mail Place boxes will be redirected to the owner's e-mail server, where he will check it in the normal way.

Fig. 13-A.

Basic controls of the System's function.

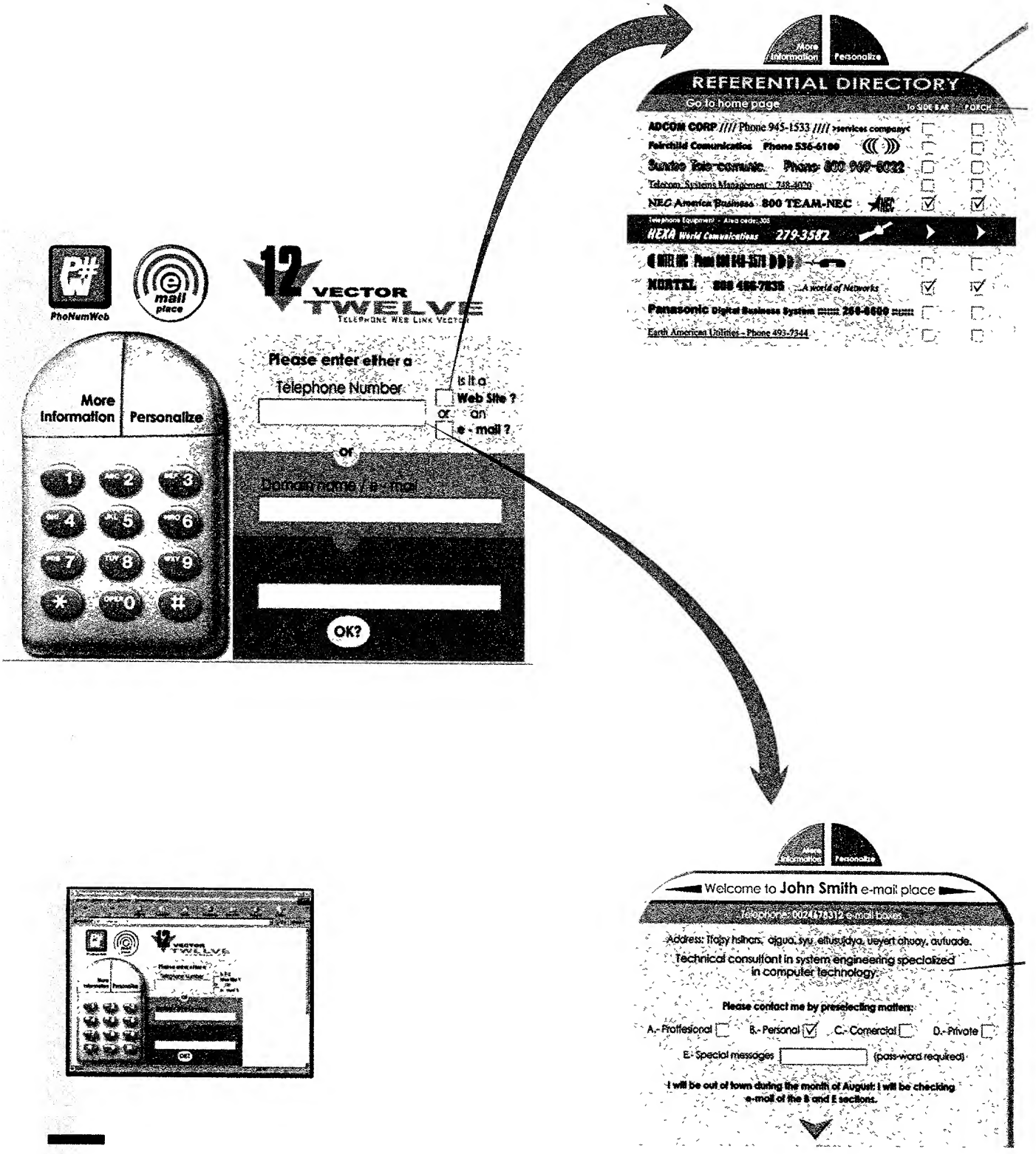
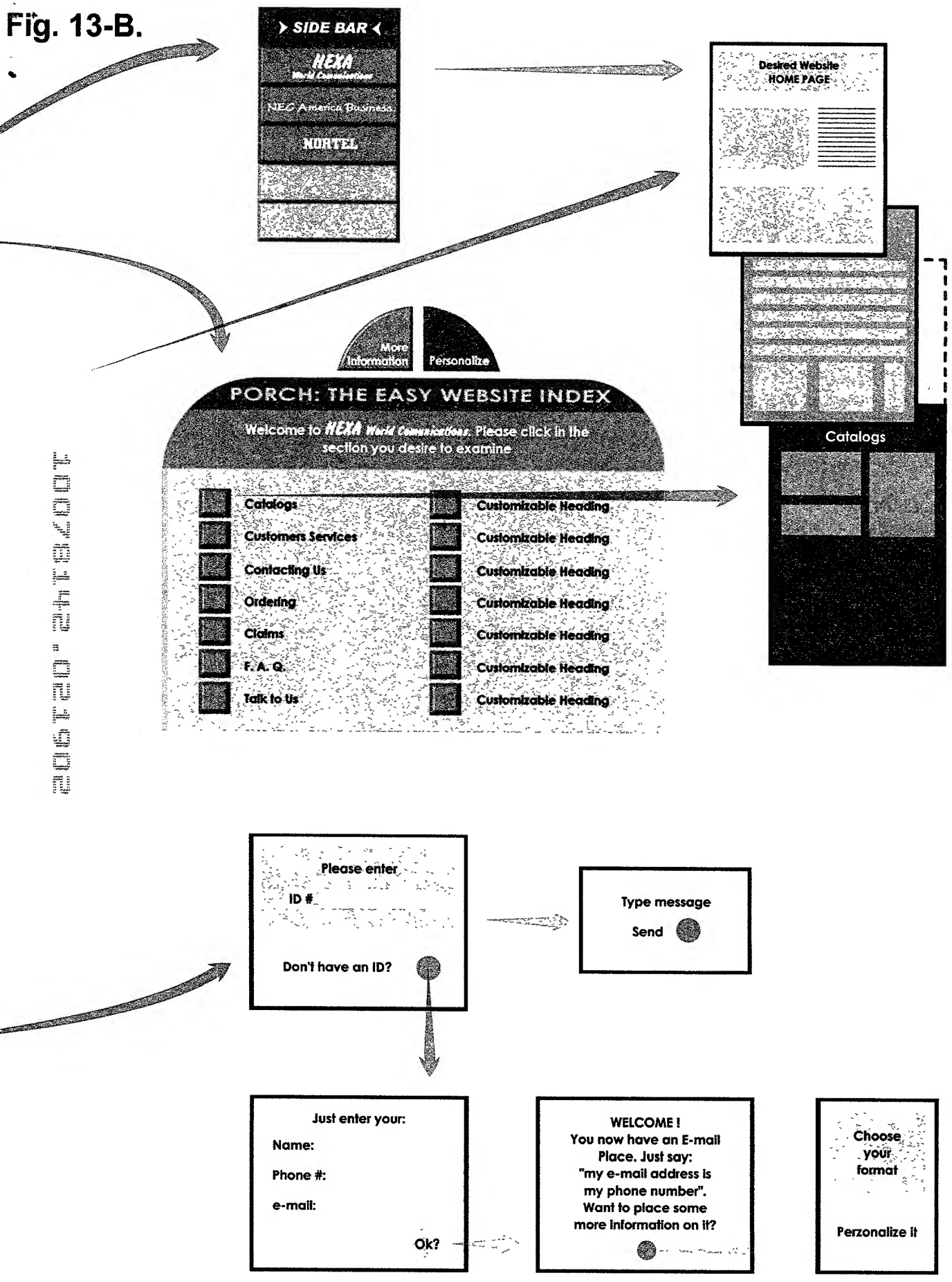


Fig. 13-B.



Doc. 1-19-2004